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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/849,195  
Applicant : GUTTAG ET AL.  
Filed : MAY 20, 2004  
Title : DIGITAL BACKPLANE

Art Unit : 2673  
Examiner : DHARIA, P.

Atty Docket No. : KAGU-0002-UT1

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The below-identified communication(s) is (are) submitted in the above-captioned application or proceeding:

- Patent Fee Transmittal
- Information Disclosure Statement and Form SB/08a/reference
- International Search Report and Written Opinion of the ISA dated April 6, 2005
  
- The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 or credit any overpayment to Deposit Account Number 10-0233-KAGU-0002-UT1.

Respectfully submitted,



Mark J. Guttag  
Registration Number 33,057

**JAGTIANI + GUTTAG**  
Democracy Square Business Center  
10363-A Democracy Lane  
Fairfax, Virginia 22030  
(703) 591-2664

May 31, 2005



# Patent Fee Transmittal for FY 2005

Applicant Claims Small Entity Status 37 C.F.R. 1.27

**TOTAL AMOUNT OF PAYMENT** **\$0.00**

Application Number	10/849,195
Filing Date	20-May-04
Named Inventor	GUTTAG, et al.
Examiner Name	DHARIA, P.
Art Unit	2673
Attorney Docket No.	KAGU-0002-UT1

\*\*\* Includes fee changes from HR 4818, Sec. 801, signed on December 8, 2004

## FEE CALCULATION

1. Filing Fees		Large Entity		Small Entity	
Application Type	Description	Code	(\$)	Code	(\$)
Utility	Basic	1011	300	2011	150
	Examination	1311	200	2311	100
	Search	1111	500	2111	250
Design	Basic	1012	200	2012	100
	Examination	1312	130	2312	65
	Search	1112	100	2112	50
Plant	Basic	1013	200	2013	100
	Examination	1313	160	2313	80
	Search	1113	300	2113	150
Reissue	Basic	1014	300	2014	150
	Examination	1114	600	2114	300
	Search	1314	500	2314	250
National Stage	Basic	1631	300	2631	150
	Examination	1633	200	2633	100
	Search	1632	500	2632	250
Provisional	Basic	1005	200	2005	100

2. Extra Claim Fee		Large Entity		Small Entity	
a. Claims as Filed	Extra Claims	Code	(\$)	Code	(\$)
Total Claims	0	- 20 =	0	x	1201 50 2201 25 \$ -
Independent	0	- 3 =	0	x	1202 200 2202 100 \$ -
Multiple Dependent					1203 360 2203 180 \$ -
b. Claims as Amended					
Total Claims	After Amnt	Highest Paid	Present Extra	Code	Large Entity Small Entity
Independent			*	x	1201 50 2201 25 \$ -
			**	x	1202 200 2202 100 \$ -
					1203 360 2203 180 \$ -
First Presentation of Multiple Dependent					
* Less than 20, enter 20 ** Less than 3, enter 3					
3. Extra Page Fee	Total Pages	Extra Pages	Code	(\$)	Large Entity Small Entity
	0	-100	0	x	1081 250 2081 125 \$ -
Subtotal for Application Fees					
1	\$	- + 2	\$	- + 3	\$ = \$ -

4. Additional Fees		Large Entity		Small Entity	
Description	Code	(\$)	Code	(\$)	Paid
Extension for response first month	1251	120	2251	60	\$ -
Extension for response second month	1252	450	2252	225	\$ -
Extension for response third month	1253	1,020	2253	510	\$ -
Extension for response fourth month	1254	1,590	2254	795	\$ -
Extension for response fifth month	1255	2,160	2255	1,080	\$ -
Notice of Appeal	1401	500	2401	250	\$ -
Filing a Brief in Support of an Appeal	1402	500	2402	250	\$ -
Request for Oral hearing	1403	1,000	2403	500	\$ -
Petitions under 1.17(f)	1462	400	1462	400	\$ -
Petitions under 1.17(g)	1463	200	1463	200	\$ -
Petitions under 1.17(h)	1464	130	1464	130	\$ -
Petition - public use proceeding	1451	1,510	1451	1,510	\$ -
Petition to Revive - Unavoidable	1452	500	2452	250	\$ -
Petition to Revive - Unintentional	1453	1,500	2453	750	\$ -
Utility Issue Fee	1501	1,400	2501	700	\$ -
Design Issue Fee	1502	800	2502	400	\$ -
Plant Issue Fee	1503	1,100	2503	550	\$ -
Reissue Issue Fee	1511	1,400	2511	700	\$ -
Publication Fee	1504	300	1504	300	\$ -
Statutory Disclaimer	1814	130	2814	65	\$ -

(cont.)

Description (cont.)	Code	(\$)	Code	(\$)	Paid
Recording each Assignment	8021	40	8021	40	\$ -
Submission of IDS	1806	180	1806	180	\$ -
Request for Cont. Examination (RCE)	1801	790	2801	395	\$ -
Filing Submission After Final	1809	790	2809	395	\$ -
Surcharge - late filing fee or oath	1051	130	2051	65	\$ -
Surcharge - late provisional fee	1052	50	2052	25	\$ -
Non-English Specification	1053	130	1053	130	\$ -
Processing Fee 37 CFR 1.17(q)	1807	50	1807	50	\$ -
Request for Ex Parte Reexamination	1812	2,520	1812	2,520	\$ -
Request Pub. of SIR prior to action	1804	920	1804	920	\$ -
Request Pub. of SIR after action	1805	1,840	1805	1,840	\$ -
Each Add. Invention Examined	1810	790	2810	395	\$ -
Expedited Examination (Design)	1802	900	1802	900	\$ -
Unintentionally Delayed Priority Claim	1453	1,370	1453	1,370	\$ -
Certificate of Correction	1811	100	1811	100	\$ -
Maintenance Fees 3.5 years	1551	900	2551	450	\$ -
Maintenance Fees 7.5 years	1552	2,300	2552	1,150	\$ -
Maintenance Fees 11.5 years	1553	3,800	2553	1,900	\$ -
Surcharge - Late Payment 6 mos.	1554	130	2554	65	\$ -
Other fee					\$ -

Additional Fee Subtotal \$ -

METHOD OF PAYMENT		Name	Mark Guttag	Reg. No.	33,057
<input type="checkbox"/> Deposit Account No.	10-0233-KAGU-0002-UT1	Firm	Jagtiani + Guttag		
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge the amount shown above and any additional fees which may be required under 37 CFR 1.16, 1.17, 1.18, 1.20 and 1.492 or credit any overpayment to the deposit account number listed above.		Address	10363-A Democracy Lane, Fairfax VA 22030		
		Telephone	703.591.2664	Fax	703.591.5907
					May 31, 2005
					Date



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/849,195  
Applicant : GUTTAG ET AL.  
Filed : MAY 20, 2004  
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §§ 1.51(b), 1.56, 1.97 and 1.98, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith, except that a copy of any U.S. patent application identified herein or any patent, publication or other information listed herein cited or submitted in a prior application relied upon for an earlier filing date under 35 U.S.C. § 120 and identified below, is not submitted herewith.

**CERTIFICATION**

This Information Disclosure Statement is submitted after three months from (i) the filing date of the above-identified U.S. National Patent application, or (ii) after three months from entry into the U.S. National Stage of the above-identified International Application, or (iii) the date of entry into the U.S. National Stage of the International Application that has been assigned the above-identified U.S. Patent application number, whichever applies; and after the mailing date of the first Office Action on the merits of the above-identified application, but prior to issuance of the earlier of any Final Action or Notice of Allowance sent in such application. The certification under 37 C.F.R. § 1.97(e) is submitted separately or below, or the fee required under 37 C.F.R. § 1.97(c) and § 1.17(p) is submitted herewith.

It is hereby certified that each item of information contained in this statement was cited in a

*Serial No. 10/849,195*

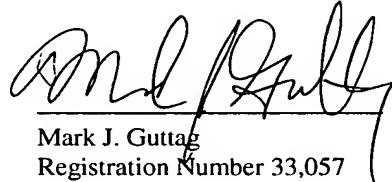
communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Please note that the document referenced as "2002696465", listed in "Written Opinion of the International Searching Authority" under "Box No. VI – Certain Documents Cited", is Korean Abstract KR2002039800 to Kang, which is already of record. "2002696465" is the Derwent Access No. for Kang.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication, including fees under 37 C.F.R. §§ 1.16 and 1.17 or credit any overpayment to Deposit Account Number 10-0233-KAGU-0002-UT1.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Respectfully submitted,



Mark J. Guttag  
Registration Number 33,057

**JAGTIANI + GUTTAG**  
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10363-A Democracy Lane  
Fairfax, Virginia 22030  
(703) 591-2664

May 31, 2005



PTO/SB/08a (08-03 )

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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**Substitute for Form PTO-1449**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet

1

1

1

**Complete If Known**

Applicant Number	10/849,195
Filing Date	May 20, 2004
First Named Inventor	Guttag et al.
Art Unit	2673
Examiner Name	Dharia, P.
Attorney Docket Number	KAGU-0002-UT1

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner's Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.